

Index to Volume 38

Authors and Titles

- Ali, M. A., Sakurai, S., and Collin, S. P.
Adaptive radiation of the retina in
Galaxiidae (Salmoniformes) 173
- Allen, G. R.
The phenologies of *Cotesia urabae*,
Dolichogenidea eucalypti (Hymenoptera :
Braconidae) and their host *Uraba lugens*
(Lepidoptera : Noctuidae) in the Adelaide
region 347
- Archer, M.
See Kirsch, J. A. W. 673
- Baudinette, R. V.
See Synder, G. K. 375, 387
- Baverstock, P. R.
See Hutchinson, M. N. 535
See Murray, J. D. 33
- Baverstock, P. R., Krieg, M., Birrell, J.,
and McKay, G. M.
Albumin immunologic relationships
of Australian marsupials. II. The
Pseudocheiridae 519
- Bick, Y. A. E.
Corrigendum to: Monotreme genetics and
cytology and a model for sex chromosome
evolution [Volume 37, numbers 2-4]
467
- Billen, J.
Morphology and ultrastructure of the
Dufour's and venom gland in the ant
Myrmecia gulosa (Fabr.) (Hymenoptera :
Formicidae) 305
- Birrell, J.
See Baverstock, P. R. 519
- Borsboom, A. C.
See Foley, W. J. 1
- Brennan, C. K. P.
See Young, W. G. 41
- Brom, T. G.
See Dekker, R. W. R. J. 19
- Bryden, M. M.
Book review of 'Handbook of Marine
Mammals. Volume 4: River Dolphins
and the Larger Toothed Whales' 573
- Burgin, S.
See Hutchinson, M. N. 535
- Butterfield, R. M.
See Hopwood, P. R. 397
- Calaby, J. H.
See Taylor, J. M. 587
- Collin, S. P.
See Ali, M. P. 173
- Cooke, B. D.
Rabbit burrows as environments for
European rabbit fleas, *Spilopsyllus*
cuniculi (Dale), in arid South Australia
317
Notes on the comparative reproductive
biology and the laboratory breeding of
the rabbit flea *Xenopsylla cunicularis*
Smit (Siphonaptera : Pulicidae) 527
- Cowan, R.
See Pennycuik, P. R. 241
- Cybinski, D. H., and Muller, M. J.
Isolation of arboviruses from cattle and
insects at two sentinel sites in Queensland,
Australia, 1979-85 25
- Davidson, J. K.
Non-parallel geographic patterns for
tolerance to cold and desiccation in
Drosophila melanogaster and *D. simulans*
155
The genetic architecture of cold tolerance
in natural populations of *Drosophila*
melanogaster and *D. simulans* 163
- Davison, C. V., and Young, W. G.
The muscles of mastication of *Phascolarctos*
cinereus (Phascolarctidae : Marsupialia)
227
- Dekker, R. W. R. J., and Brom, T. G.
Maleo eggs and the amount of yolk in
relation to different incubation strategies
in megapodes 19
- Dennington, S. L.
The *Litoria ewingi* complex (Anura :
Hylidae) in south-eastern Australia. IX.
Variation in mitochondrial DNA across
a narrow zone of hybridisation between
L. ewingi and *L. paraewingi* 53
- Donnellan, S. C.
See Hutchinson, M. N. 535
See Murray, J. D. 33
- Dressen, W., Grün, H., and Hendrichs, H.
Radio telemetry of heart rate in male
tammur wallabies (Marsupialia :
Macropodidae): temporal variations
and behavioural correlates 89
- Filan, S. L.
Myology of the bandicoot (Marsupialia :
Peramelemorphia) 617
- Foley, W. J.
See Nagy, K. A. 469

- Foley, W. J., Kehl, J. C., Nagy, K. A., Kaplan, I. R., and Borsboom, A. C.
Energy and water metabolism in free-living greater gliders, *Petauroides volans* 1
- Freeland, W. J.
See Whitehead, P. J. 249
- Gannon, B.
See Snyder, G. K. 375, 387
- Gelder, M.
See Murray, J. D. 33
- Georges, A.
See Sarre, S. 603
- Goldingay, R. L., and Kavanagh, R. P.
Socioecology of the yellow-bellied glider, *Petaurus australis*, at Waratah Creek, NSW 327
- Grün, H.
See Dressen, W. 89
- Hand, S., and York, A.
Morphological variation in the dentition and skull of the Australian ghost bat, *Macroderma gigas* (Microchiroptera : Megadermatidae) 263
- Hayman, D. L.
See Murray, J. D. 33
- Hendrichs, H.
See Dressen, W. 89
- Hine, P. M., Lester, R. J. G., and Wain, J. M.
Observations on the blood of the Australian lungfish, *Neoceratodus forsteri* Klefft. I. Ultrastructure of granulocytes, monocytes and thrombocytes 131
- Hine, P. M., Wain, J. M., and Lester, R. J. G.
Observations on the blood of the Australian lungfish, *Neoceratodus forsteri* Klefft. II. Enzyme cytochemistry of blood cells, peritoneal macrophages and melanomacrophages 145
- Hopwood, P. R., and Butterfield, R. M.
The locomotor apparatus of the crus and pes of the eastern grey kangaroo, *Macropus giganteus* 397
- Hutchinson, M. N., Donnellan, S. C., Baverstock, P. R., Krieg, M., Simms, S., and Burgin, S.
Immunological relationships and generic revision of the Australian lizards assigned to the genus *Leiopisma* (Scincidae : Lygosominae) 535
- James, D. G.
Energy reserves, reproductive status and population biology of overwintering *Biprorulus bibax* (Hemiptera : Pentatomidae) in southern New South Wales citrus groves 415
- Jolly, S.
The biology of the common sheath-tail bat, *Taphozous georgianus* (Chiroptera : Emballonuridae), in central Queensland 65
- Kaplan, I. R.
See Nagy, K. A. 469
- Kavanagh, R. P.
See Goldingay, R. L. 327
- Kehl, J. C.
See Foley, W. J. 1
- Key, K. H. L.
Host relations and distribution of species of *Caeculisoma* (Acarina : Erythraeidae) parasitising grasshoppers in Australia, with supplementary information for the genus *Trombella* (Trombellidae) 11
- King, M., and Mengden, G.
Chromosomal evolution in the Dipodactylinae (Gekkonidae : Reptilia). II. Chromosomal variability between New Caledonian species 219
- Kirby, G.
Book review of 'Avian Genetics. A Population and Ecological Approach' 465
- Kirsch, J. A. W., Krajewski, C., Springer, M. S., and Archer, M.
DNA-DNA hybridisation studies of carnivorous marsupials. II. Relationships among dasyurids (Marsupialia : Dasyuridae) 673
- Krajewski, C.
See Kirsch, J. A. W. 673
- Krieg, M.
See Baverstock, P. R. 519
See Hutchinson, M. N. 535
- Lester, R. J. G.
See Hine, P. M. 131, 145
- Maelzer, D. A.
Fruit fly outbreaks in Adelaide, S.A., from 1948-49 to 1986-87. I. Demarcation, frequency and temporal patterns of outbreaks 439
Fruit fly outbreaks in Adelaide, S.A., from 1948-49 to 1985-86. II. The phenology of both pestilent species 555
- Marshall, R. I.
See Young, W. G. 41
- McDonald, G.
Simulation models for the phenological development of *Mythimna convecta* (Walker) (Lepidoptera : Noctuidae) 649
- McKay, G. M.
See Baverstock, P. R. 519
See Murray, J. D. 33

- McKenzie, J. A.
Selection at the dieldrin resistance locus
in overwintering populations of *Lucilia*
cuprina (Wiedemann) 493
- Mengden, G.
See King, M. 219
- Meredith, D.
See Nagy, K. A. 469
- Milton, D.
Genetic evidence for sympatric differentiation
between two colour morphs of the skink
Egernia whitii 117
- Minagawa, M.
See Nagy, K. A. 469
- Moore, R. J.
See Williams, C. K. 697
- Muller, M. J.
See Cybinski, D. H. 25
- Murray, J. D., Donnellan, S., McKay, G. M.,
Rofe, R. H., Baverstock, P. R., Hayman,
D. L., and Gelder, M.
The chromosomes of four genera of
possums from the family Petauridae
(Marsupialia : Diprotodontia) 33
- Mutze, G. J.
Fat cycles, breeding and population changes
in house mice 453
- Nagy, K. A.
See Foley, W. J. 1
- Nagy, K. A., Foley, W. J., Kaplan, I. R.,
Meredith, D., and Minagawa, M.
Doubly labelled water validation in the
marsupial *Petauroides volans* 469
- Norman, F. I.
Book review of 'Lifetime Reproduction
in Birds' 575
- Norris, K. R.
Evidence for the multiple exotic origin
of Australian populations of the sheep
blowfly, *Lucilia cuprina* (Wiedemann)
(Diptera : Calliphoridae) 635
- Pennycuik, P. R., and Cowan, R.
Odour and food preferences of house
mice, *Mus musculus* 241
- Pennycuik, P. R., and Reisner, A. H.
The founding population: the effect of
differences in its size, nature and season
of establishment on the subsequent
dynamics of populations of house
mice, *Mus musculus* L. 479
- Pennycuik, P. R., Reisner, A. H., and
Westwood, N. H.
Process responsible for temporal changes
in the percentages of pelage colour types
among the young recruited into a house
mouse population in an outdoor pen
105
- Readshaw, J. L.
Phasmatid outbreaks occurring? 343
- Reisner, A. H.
See Pennycuik, P. R. 105, 479
- Richardson, K. C.
See Wooller, R. D. 665
- Richardson, K. C., and Wooller, R. D.
Adaptations of the alimentary tracts of
some Australian lorikeets to a diet of
pollen and nectar 581
- Robbins, S. J.
See Williams, C. K. 697
- Rofe, R. H.
See Murray, J. D. 33
- Rogers, D. J.
See Suckling, D. M. 363
- Sakurai, S.
See Ali, M. A. 173
- Sarre, S., Schwaner, T. D., and Georges, A.
Genetic variation among insular populations
of the sleepy lizard, *Trachydosaurus*
rugosus Grey (Squamata : Scincidae) 603
- Schwaner, T. D.
See Sarre, S. 603
- Shaw, P. W.
See Suckling, D. M. 363
- Simms, S.
See Hutchinson, M. N. 535
- Smith, S. C.
See Taylor, J. M. 587
- Snyder, G. K., Gannon, B., and
Baudinette, R. V.
Organisation of the vascular supply to the
brain of the toad *Bufo marinus* 375
Microvascular geometry in the brain of
the lizard *Trachydosaurus rugosus* 387
- Springer, M. S.
See Kirsch, J. A. W. 673
- Suckling, D. M., Rogers, D. J., and
Shaw, P. W.
Disruption of lightbrown apple moth,
Epiphyas postvittana (Walker)
(Lepidoptera : Tortricidae), trapping
in Nelson, New Zealand 363
- Taylor, J. M., Calaby, J. H., and
Smith, S. C.
Reproduction in New Guinean *Rattus* and
comparison with Australian *Rattus* 587
- Tschirner, K.
See Whitehead, P. J. 249
- Wain, J. M.
See Hine, P. M. 131, 145
- Ward, S. J.
Life history of the eastern pygmy-possum,
Cercartetus nanus (Burramyidae :
Marsupialia), in south-eastern Australia
287

- Reproduction in the western pygmy-possum, *Cercartetus concinnus* (Marsupialia : Burramyidae), with notes on reproduction of some other small possum species 423
- Life history of the feathertail glider, *Acrobates pygmaeus* (Acrobatidae : Marsupialia), in south-eastern Australia 503
- Wells, D. R.
See Wooller, R. D. 665
- Westwood, N. H.
See Pennycuik, P. R. 105
- Whitehead, P. J., Freeland, W. J., and Tschirner, K.
Early growth of magpie geese, *Anseranas semipalmata*: sex differences and influence of egg size 249
- Williams, C. K., Moore, R. J., and Robbins, S. J.
Genetic resistance to myxomatosis in Australian wild rabbits, *Oryctolagus cuniculus* (L.) 697
- Williams, J. B.
Ultrastructural studies on *Kronborgia* (Platyhelminthes : Fecampiidae). The differentiated vitellocyte of *K. isopodicola* Blair & Williams 79
- Wooller, R. D.
See Richardson, K. C. 581
- Wooller, R. D., Richardson, K. C., and Wells, D. R.
Allometric relationships of the gastrointestinal tracts of insectivorous passerine birds from Malaysia, New Guinea and Australia 665
- Woolley, P. A.
Reproduction in *Sminthopsis macroura* (Marsupialia : Dasyuridae). I. The female 187
- Woolley, P. A.
Reproduction in *Sminthopsis macroura* (Marsupialia : Dasyuridae). II. The male 207
- York, A.
See Hand, S. 263
- Young, W. G.
See Davison, C. V. 227
- Young, W. G., Brennan, C. K. P., and Marshall, R. I.
Occlusal movements of the brushtail possum, *Trichosurus vulpecula*, from microwear on the teeth 41

